Acquisition

Description

A primary objective for this content area is to raise acquirers' awareness of their role in "building security in" for major software-intensive systems. The initial articles describe an acquisition life-cycle framework for security activities, products, and reviews and for selected acquisition contexts and life cycle phases. The authors provide additional guidance on methods and resources for acquirers to identify and manage security risks, with the goal of producing systems that are sufficiently robust to assure mission success.

Note: At a future date, this content area will be moved to a new section of Build Security In that will focus on system issues.

Overview Articles

Name	Version Creation Time	Abstract
Acquisition Overview: The Challenges	6/5/07 11:08:59 AM	The challenges of acquiring software-intensive systems continue to grow along with the increasingly critical role software plays in supporting commercial and government enterprise, business, and mission needs. In addition to expanding functionality and complexity, mounting expectations for software systems to be flexible and interoperable add to acquisition challenges, notably in terms of ensuring their security.

Most Recently Updated Articles [Ordered by Last Modified Date]

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Acquisition Overview: The Challenges	6/5/07 11:08:59 AM	The challenges of acquiring software-intensive systems continue to grow along with the increasingly critical role software plays in supporting commercial and government enterprise, business, and mission needs. In addition to expanding functionality and complexity, mounting expectations for software systems to be flexible and interoperable add to acquisition challenges, notably in

		terms of ensuring their security.
Assuring Software Systems Security: Life Cycle Considerations for Government Acquisitions	6/5/07 10:53:28 AM	When systems are built under government contract, the acquirer and contractor share responsibility for the outcome, not only in terms of cost, schedule, and performance, but also with respect to quality attributes such as security. Using an acquisition life cycle framework, this article identifies acquirer activities, products, and resources that are necessary to establish and support contractor efforts to build secure software-intensive systems.
Building Security into the Business Acquisition Process	6/5/07 10:36:41 AM	This article presents the standard process for acquiring software products and services in business. It is based on the recommendations of the Agreement processes specified by the IEEE 12207 Standard. This standard presents the commonly accepted practices for ensuring a well-defined and persistent assurance process for acquired software. With the help of 12207, it is possible to integrate best practice in acquisition and supply into a single uniform approach. That approach will guarantee that security considerations will be a central part of product selection, monitoring, and acceptance. The ensuing set of policies and procedures provides rational control over all aspects of the process of securing acquired products. Properly followed, they will ensure an adequately secure software deliverable.

All Articles [Ordered by Title]

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Fields

Name	Value
Categories	best-practices